TER-KRIKOROV, A.M.; TRENOGIN, V.A. (Moskva)

Existence and asymptotic behavior of "isolated wave" type solu-
tions to a class of nonlinear elliptic equations. Mat. sbor. 62
no.3:264-274 N '63.   (MIRA 16:11)

TER-KRIKOROV, A.M. (Moscow)

"The permanent type waves in a heterogeneous fluid"

Report presented at the 2nd All-Union Congress on Theoretical and Applied
Mechanics, Moscow 29 Jan - 5 Feb 64.

L 00968-66   EWT(1)/EWP(m)/EWA(d)/FCS(k)/EWA(1)

ACCESSION NR: AP5014935   UR/0040/65/029/003/0440/0452

AUTHOR: Ter-Krikorov, A. M. (Moscow)

TITLE: On the theory of stationary waves in a nonhomogeneous liquid

SOURCE: Prikladnaya matematika i mekhanika, v. 29, no. 3, 1965, 440-452

TOPIC TAGS: nonhomogeneous flow, piecewise continuous function, ordinary differential equation, existence theorem, boundary value problem, nonlinear equation

ABSTRACT: Two possible solutions are constructed for the case of a nonhomogeneous fluid with a free boundary. The fluid is assumed to be divided into n-surfaces, separating sections having different densities to within first order. The demarcation lines are not known a priori. The y-axis is taken to be normal to the bottom of the fluid, and the x-axis is parallel to it. The governing equations are given by

$$\operatorname{div} a = 0, \quad a \cdot \nabla \rho = 0, \quad (a\nabla) a = -\nu \rho y^\circ - \nabla p \quad (\nu = gH/c^2) \quad (1)$$

where $a = \nu \sqrt{\rho}$, and the boundary conditions are given by

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$$a_k(x, 0) = 0; \quad a \cdot n = 0, \quad [p]_k = 0 \quad \text{при } y = Y_k(x) \quad (k = 1, \ldots, n) \quad (2)$$

$$[p]_n = p(x, Y_n - 0), \quad [p]_k = p(x, Y_k - 0) - p(x, Y_k + 0) \quad (k = 1, \ldots, n-1)$$

Two possible solutions are proposed to these equations: (I) Across the section $x = 0$ are given the ordinates of demarcation lines, the density distribution, and the horizontal component of the velocity vector v. These satisfy the conditions

$$Y_k(0) = h_k, \quad h_0 \equiv 0 < h_1 < \ldots < h_n \equiv 1 \quad (k = 1, \ldots, n) \quad (3)$$

$$\rho(0, y) = \rho_0(y), \quad a_x(0, y) = q(y)$$

$$\rho_0(y) \geqslant R_0 > 0, \quad d\rho_0/dy < 0, \quad q(y) \geqslant Q > 0 \quad (4)$$

The resulting equation is given by

$$Mw \equiv \frac{\partial}{\partial \eta}\left[q^3(\eta)\frac{\partial w}{\partial \eta}\right] + q^3(\eta)\frac{\partial^2 w}{\partial x^2} = \nu\rho_0'(\eta)w + \mathrm{div}(q^3\Phi w), \quad [w]_k = 0$$

$$(k = 1, \ldots, n-1) \quad (5)$$

$$w(x, 0) = 0, \quad \left[q^3(\eta)\frac{\partial w}{\partial \eta} - \nu\rho_0(\eta)w - q^3\Phi_s w\right]_k = 0 \quad (k = 1, \ldots, n)$$

where Φw is the following operator

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ACCESSION NR: AP5014935

$$\Phi w = (\Phi_1 w, \Phi_2 w), \qquad \Phi_1 w = \frac{w w_\eta}{(1 + S w_\eta)^2} + \frac{w_x S w_\eta}{1 + S w_\eta}$$

$$\Phi_2 w = \frac{w w_x}{(1 + S w_\eta)^2} + \frac{3 S w_\eta + 3 (S w_\eta)^2 + (S w_\eta)^3 - w^2}{(1 + S w_\eta)^3} w_\eta \quad (6)$$

(II) The mean depth of the layers is given, the density distribution, and the mean vorticity of the vector a, or

$$H_k = \frac{1}{L} \int_0^L Y_k(x)\, dx, \qquad Y_0 \equiv 0 \qquad (k = 1, \ldots, n)$$

$$\rho(x, y) = R(\psi), \qquad \sigma(\psi) = -\frac{1}{L} \int_0^L \Delta \psi\, dx \quad (7)$$

This leads to the following ordinary differential equations

$$\frac{d}{d\eta}\left[q^2(\eta) \frac{dw_c}{d\eta}\right] = \frac{d}{d\eta}[q^2(\eta)(\Phi_2 w)_c], \qquad w_c(0) = w_c(H_1) = \ldots = w_c(H_n) = 0$$

$$M w_g = \nu \rho'(\eta) w_g + \operatorname{div}[q^2(\eta)(\Phi w)_g], \qquad w = w_c + w_g, \qquad [w_g]_k = 0$$
$$(k = 1, \ldots, n-1)$$

$$\left[q^2(\eta) \frac{\partial w_g}{\partial \eta} - \nu \rho w_g - q^2(\eta)(\Phi_2 w)_g\right]_k = 0 \qquad (k = 1, \ldots, n) \qquad (8)$$

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where the operator M is defined by (5) above and

$$\Phi_2 w = \frac{1}{2} \frac{3w_\eta^2 + 2w_\eta^3 + w_x^2}{(1 + w_\eta)^3}, \qquad \Phi_1 w = \frac{w_x w_\eta}{1 + w_\eta}, \qquad \Phi = (\Phi_1, \Phi_2). \quad (9)$$

First, the solution of the linear problem is constructed by neglecting the nonlinear terms in (5) or,

$$M w = v \rho' w, \qquad w(x, 0) = w(0, \eta) = w(L, \eta) = 0 \quad (10)$$
$$[w]_k = 0, \qquad [q^2 w_\eta - v \rho w]_k = 0.$$

The solution is given by means of separation of variables of the form

$$v_{mk} = v_m \left(\frac{k\pi}{L} \right), \qquad w_{mk}(x, \eta) = \frac{1}{\sqrt{L}} u_m \left(\eta, \frac{k\pi}{L} \right) \sin \frac{k\pi x}{L}. \quad (11)$$

Necessary and sufficient conditions are obtained for the existence of the above solution. The nonlinear equations are defined by

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$$Mw - v_0 \rho'(\eta) w = \operatorname{div}(q^2 Fw)$$

$$w(x, 0) = w(0, \eta) = w(L, \eta) = [w]_k = 0 \quad (k = 1, \ldots, n-1)$$

$$[q^2 w_n' - v_0 \rho w - q^2 F_n w]_k = 0 \quad (v = v_0 - \mu, k = 1, \ldots, n) \quad (12)$$

$$F_n w = \Phi_n w - \mu \rho q^{-1} w + \mu q^{-2} \int_1^\eta \rho w_n' d\eta, \quad Fw = (\Phi_1 w, F_n w),$$

and the series

$$\beta = \sum_{k=1}^\infty \beta_k \mu^{k/r} \quad (13)$$

are substituted in the expression for

$$w(x, \eta) = \sum_{i=0}^\infty \sum_{k=1}^\infty w_{ik}(x, \eta) \mu^i \beta^k, \quad w_{01}(x, \eta) = z(x, \eta). \quad (14)$$

A solution is obtained for the above boundary value problem in powers of μ. Orig. art. has: 46 equations.

ASSOCIATION: none

SUBMITTED: 18Feb65   ENCL: 00   SUB CODE: ME, MA

NO REF SOV: 003   OTHER: 003
Card 5/5

ISIBYAN,M.A.; TER-KRIKORYAN,S.B.; SHAKHNAZAROV,D.O., redaktor; KATS,D.I.,
    redaktor; UDALYY,A.M., tekhnicheskiy redaktor

[Repair of electric equipment in petroleum industry] Remont nefte-
promyslovogo elektrooborudovaniia. Baku, Gos.nauchno-tekhn.izd-vo
neftianoi i gorno-toplivnoi lit-ry, Azerbaidshanskoe otd-nie, 1948.
222 p. [Microfilm]   (MIRA 9:3)
        (Petroleum industry--Equipment and supplies)

MIRAKHMEDOV, M.; TERKULOVA, A.

Distribution of Borovskii's disease in the Chim Rural Soviet of the
Kamashi District of Sukhan-Darya Province. Med. zhur. Uzb. no.2:
42-43 F '62.   (MIRA 15:4)

1. Iz Chimskoy uchastkovoy bol'nitsy, Kamyshinskiy rayon, Surkhandar'in-
skaya oblast'.
                (CHIM (KAMASHI DISTRICT)—DELHI BOIL)

TERKUN, A.V.

Acquainting students with the mollusks of local reservoirs.
Biol. v shkole no.5:86 S-O '61. (MIRA 14:9)

1. Krasnodarskiy pedagogicheskiy institut.
(Mollusks)

TERLAK, M.

We shall protect nature. p. 3.
(kg). Under the watchword of the Festival. p. 3.
No. 6, June 1955. TURYSTA. Warszawa, Poland

So: Eastern European Accession.   Vol/ 5, no. 4, April 1956

TER-AKOPOV,   G. D.

S/129/60/000/06/019/022
E073/E535

AUTHOR: Mints, R. I., Candidate of Technical Sciences

TITLE: All Union Scientific-Technical Seminar on Improving
the Cavitation Resistance of Components, Sverdlovsk

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov,
1960, Nr 6, pp 58-60 (USSR)

ABSTRACT: The seminar was held at the initiative of the Problems
Laboratory for Metallurgy at the Ural Polytechnical
Institute imeni S. M. Kirov jointly with other
organizations.   In the seminar representatives of
research establishments and works from Sverdlovsk,
Perm', Chelyabinsk, Barnaul, Gor'kiy, Odessa,
Leningrad, Yerevan, Murmansk, Khar'kov and other
places participated.   This report gives brief summaries
of the following papers which were read:
G. D. Ter-Akopov, Candidate of Technical Sciences,
"Cavitation failures in hydraulic turbines";
L. I. Ponarskiy, Engineer, "Cavitation in hydraulic
turbines"; M. I. Kurasovich, Engineer, "Cavitation
failures in runners of centrifugal pumps"; Marinin, A.A.,
Engineer, "Cavitation failures in marine propellers";

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S/129/60/000/06/019/022
E073/E535

All Union Scientific-Technical Seminar on Improving the Cavitation
Resistance of Components, Sverdlovsk

N. N. Ivanchenko, Candidate of Technical Sciences,
"Cavitation failures in diesel engines"; A.P.Chervyakov,
Engineer, "Increase of the cavitation-erosion stability
of jacket and cylinder liners of the diesel engines D6
and D12"; I.N. Bogachev, Doctor of Technical Sciences,
"Mechanism of the cavitation failure of metallic alloys
and principle for the selection of such alloys";
R.I. Mints, Candidate of Technical Sciences, "Combatting
cavitation failure by using surface-active additions to
the liquid phase of closed systems"; R.Sh. Shklyar,
Candidate of Technical Sciences, D.D.Slyusareva, Engineer,
and N.N.Syutkin, Engineer, "Structural changes in the
initial stages of cavitation failure"; T.M.Petukhova,
Engineer, "Influence of the structure on the resistance
to cavitation of bronze"; V.V.Havranek, Candidate of
Technical Sciences and D.N. Bol'shutkin, Engineer,
"Cavitation erosion of metals, thermal and mechanical
Card 2/2   effects in the cavitation zone".

MEKLISKAYA, M.M.

Akademiya nauk Ukrayins'koyi RSR. Instytut matematyky

Elektroanalogovi metodi elektrohidrodynamichnykh analohiy do rozv'yazuvannya tekhnichnykh zadach (Application of the Method of Electrohydrodynamic Analogy to the Solution of Various Engineering Problems) Kyiv, Vyd-vo AN URSR, 1953. 160 p. 1,000 copies printed.

Ed. of Publishing House: T.I. Samoznil; Tech. Ed.: O.O. Mavrychuk; Editorial Board: P.F. Fil'chakov (Resp. Ed.), V.M. Ostapenko (Resp. Secretary), N.V. Tukhovchenko'kyy, Y.B. Pohrebys'kyy, and V.I. Skubaka'kyy.

PURPOSE: This book is intended for scientific workers, engineers, aspirants and students.

COVERAGE: This book is a collection of articles on the application of the electrohydrodynamic analog method to the solution of various engineering problems. Among the topics discussed is the modelling of certain technical problems on resistance paper by the electrohydrodynamic analog method. Special attention is given to the study of various problems of filtration, in both homogeneous and nonhomogeneous ground, problems of plane bending, heat conduction problems, modelling electro-osmotic material fall, and the electro-technical analog problem. Problems of the physical and technical properties of resistance paper and the accuracy of the electrohydrodynamic analog method are studied and the new, more universal model of the EGDA integrator is described. All the articles end with summaries in Russian and English.

TABLE OF CONTENTS:

SIEROSZEWSKI, Jozef; LAUDANSKA, Estella; MAZUREK, Ludwik; TERLECKA, Helena,
      GWOZDZ, Antoni; WISNIOWSKA, Alicja.

Urological changes following extensive gynecological surgery.
Pol. przegl. chir. 36 no.2:177-184 F'64

1. Z I Kliniki Chorob Kobiecych AM w Lodzi (kierownik: prof.dr.
J.Sieroszewski) i z Oddzialu Urologicznego (kierownik: doc. dr.
L. Mazurek) i I Kliniki Chirurgicznej AM w Lodzi (kierownik:
prof.dr. M.Stefanowski).

WOZNICKZ, Wanda; KOWSZYK, Zuzanna; MAKAROWSKA, Zofia; NIEMCZYK, Hanna;
    BOROWIECKA, Barbara; SZCZESNIAK, Tadeusz; TERLECKA, Janina; WILK, Edyta

Studies on antimycotic antibiotics. II. a new antibiotic. Med. dosw.
mikrob. 9 no.3:293-308 1957.

1. Z Zakladu Antybiotykow PZH w Warszawie.
        (ANTIBIOTICS,
                allomycin, antifungal properties (Pol))

WOZNICKA, Wanda; KOWSZYK, Zuzanna; BOROWIECKA, Barbara; CHOJNOWSKI, Wawrzyniec;
       DOBRZANSKA, Rosa; LUBINSKI, Olgierd; MAKAROWSKA, Zofia; NIEWCZYK, Hanna;
       PASZKIEWICZ, Alina; HUCZAJ, Zbigniew; SOBICZEWSKI, Wojciech; SZCZESNIAK,
       Tadeusz; SZENIAWSKI, Piotr; TERLECKA, Janina; WIIK, Edyta; WITUCH, Krystyna

       Alomycin; a new antifungal antibiotic. Med. dosw. mikrob. 9 no.4:441-450
       1957.

       1. Z Zakladu Antybiotykow Panstwowego Zakladu Higieny w Warszawie.
              (ANTIBIOTICS, preparation of
                  . alomycin, fungicidal properties (Pol))

TYC, Marian; TERLECKA, Janina; WILK, Edyta

Essay with the production of oleandomycin. Med. dosw. mikrob. 11
no.2:179-190 1959.

1. Z Zakladu Mikrobiologii Instytutu Antybiotykow.
        (OLEANDOMYCIN, chem.)

TYC, Marian; TERLECKA, Janina; WOLKOWICZ, Maria

Comparative analysis of culture, physiological and biochemical
properties of 2 strains of Streptomyces griseus used in the produc-
tion of streptomycin. Med.dosw.mikrob. 13 no.3:285-292 '61.

1. Z Zakladu Mikrobiologii Instytutu Antybiotykow.

(ACTINOMYCES)   (STREPTOMYCIN)

TERLECKI, A.

Technical progress in the meat and dairy industries during ten years of People's Poland. p. 225. (PRZEMYSL ROLNY I SPOZYWCZY, Vol. 8, No. 7, July 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

Factors influencing the working order of blast furnaces
E. Erdmann. *Przeglad górniczo-hutniczy* 29, (635, 701, 1037), *Chem. Zentr.* 1938, I, 3378 9. Studies were made with various raw materials (Fe ores, pyrites cinders) under various operating conditions. It was found that the blast pressure must be adapted to the furnace profile and the fusion product desired. The quantity of the blast must not be measured for conditions of rapid operation. For steel pig the basicity of the slag $(CaO + MgO) SiO_2$ must not exceed 1.40, although it must lie between 1.30 and 1.40. S, Zn and Pb are also introduced along with pyrites cinders; the amts. of Zn and Pb in the charge must not exceed 0.02%. The agglomerate should be sufficiently fixed together but not too much so. The introduction of ore along with the coke may lead to difficulties.

M. G. Moore

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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THE INACTIVE CENTRAL CORE IN THE BLAST-FURNACE.   E. Terlecki
(Hutnik, 1948, vol. 15, May-June, pp. 202-204). (In Polish).
The caused of the inactive central core in the blast-furnace
are given as low blast pressure, tuyeres of too large diameter,
and insufficient tuyeres. An analysis of a sample of a green
powder taken from this core in the bosh of a dismantled
furnace had the following result: Zn 31.46%, S 0.47%,
Pb 1.37%, CaO 13.88% MgO 8.79%, SiO_2 6.30% , Fe
6.24%, balance 31.49%.

TERLECKI, E.; WOZNIACKI, W.

Causes of explosion of the blast furnace A in the Pokoj Metallurgic Plants
on February 16, 1958. p. 49.

HUTNIK. (Panstwowe Wydawnictwa Techniczne) Katowice, Poland.
Vol. 26, no. 2, February 1959

Monthly list of East European Accession (EEAI) LC, Vol. 8, no. 7, July 1959

Uncl.

TERLECKI, Edward (Engineer)

"Zagadnienie tworzenia sie i usuwania zgorzeliny w piecach grzewczych" (Problem of Formation and Removal of Slack in (Steel) Preheating Furnaces). Article in P: Hutnik, No.11, 1952, pages 388-391,

SO: Wiadomosci Hutnicze (Metallurgical News), No. 3

New views on method of heating steel for plastic working. E. Perkocki. *Hutnik, Katowice*, 1952, 18, 37-42; *J. Iron Steel Inst.*, 1952, 171, 420).—The unnecessarily slow heating rate of steel for plastic working used at present is criticised. The division of steels into three groups, according to the heating rates required, and a general formula for calculating the necessary heating time are given.

R. H. Clarry

TERLECKI, E.

Distr: 4E2c/4E2b(w)
/5473

Terlecki, E. Factors Influencing the Behaviour of Certain Grades of   620.191.33:621.944
Austenitic and Ferritic Steels during Hot Working.
"Czynniki wpływające na zachowanie się niektórych gatunków stali
austenitycznej i ferrytycznej podczas plastycznej przeróbki na gorąco".
Hutnik, No. 6, 1957, pp. 222—227, 12 figs., 3 tabs.

Defects arising in the rolling process may be due to faulty reduction
causing the formation of cracks in the dendritic layer, and to excessive
thin surface layer. Cracks caused by faulty reduction unsuited to the
particular steel grade are formed when the coarse grained   inner
cooling on the surface of blooms or sheet bars causing cracks in the
structure of ingots has not acquired sufficient plasticity. Cracks caused
by excessive cooling usually develop when ingots are worked on slow
moving rollers. That type of equipment should not, therefore, be used
for rolling austenitic steel grade 18/8, in particular heat resisting steel.
In the paper   there   is   a   table   showing   the   best   techniques   and
equipments for hot working typical austenitic and ferritic steel grades.
Techniques are outlined for hot working ingots of anticorrosive steel
to thin and thick sheet and strip.

TERLECKI, Edward, mgr inż.

Results of the influence of applied increased top gas pressure on
the work of a blast furnace during its intensified operation.
Hutnik P 29 no.6:218-225 Je '62.

1. Instytut Metalurgii Zelaza, Gliwice.

TERLECKI, Edward, mgr inz.

Influence of direct reduction on the coal (coke) consumption in the blast-furnace process.   Hutnik P 30 no.2:37-40 F '63.

1. PIGPE, Warszawa.

TERLECKI, Edward, mgr inz.

Factors causing the setting up of a ring crust in the shaft of open-hearth furnaces. Hutnik P 30 no.10: 323-330 O'63.

1. PIGPE, Warszawa.

TERLECKI, Edward, mgr inz.

Quality of the Polish blast furnace coke as compared with
the quality of coke from western countries. Hutnik P 31
no. 4:129-136 Ap '64.

1. State Inspectorate of Fuel and Power Management, Warsaw.

A method for measuring the mobility of ions in dielectric liquids. Olgierd Gzowski and Jozef Terlecki (Gdansk Eng. Coll., Gdansk, Poland). *Acta Phys. Polon.* 18, 101-8 (1959)(In English); cf. *CA* 32, 8887[9].—A method is described for measuring mobility of current carriers in dielec. liquids. A plane of ions is produced in the liquid by x-rays. A voltage is applied to 2 electrodes in the liquid. Oscillograms record the voltage-time curve across a condenser in series with the cell, and from this, the time for ions to move to the electrode is detd. The mobility μ is calcd. from the relation; $v = \mu(V/d)$, where v is the velocity, V the voltage across the cell, and d the distance between the electrodes. For hexane, the measured mobilities are: $\mu_+ = 4.1 \times 10^{-4}$ sq. cm./v.-sec. and $\mu_- = 1.3 \times 10^{-4}$ sq. cm./v.-sec.   R. D. Gill

TERLECKI, Jozef, dr. inz.; FIGWER, Jan, mgr. inz.; GZOWSKI, Olgierd, dr.

A fire alarm system based on radioactive isotopes. Bud okretowe Warszawa 7 no.7:228-231 Jl '62.

1. Politechnika, Odansk.

JONAS, Zygmunt; TERLECKI, Jozef

Radiocardiographic examinations of acquired heart defects. Pol.
przegl. chir. 37 no. 12:1235-1241 D ' 65

1. Z II Kliniki Chirurgicznej AM w Gdansku (Kierownik: prof. dr.
K. Debicki) i z Zakladu Fizyki AM w Gdansku (Kierownik: prof.
dr. I. Adamczewski).

TERLECKI, J.; SULOCKI, J.; POLIWKO, I.

Purification of cyclohexane by zone melting. Acta physica Pol
26 no.6:1251-1253 '64.

1. Department of Physics of the School of Medicine, Gdansk,
and Department of Physics of Teachers College, Gdansk. Submitted
August 31, 1964.

AUTHOR: Terlecki, J. (Gdansk-Wrzeszcz)

ORG: Department of Physics, Medical Academy, Gdansk

TITLE: Measurement of ionization currents in hexane in high-strength electric fields

SOURCE: Acta physica polonica, v. 29, no. 6, 1966, 743-751

TOPIC TAGS: electric field, x radiation, hexane, ionization chamber, ionization current measurement

ABSTRACT: Some results are presented of studies on measuring the ionization currents produced within a broad range of electric-field strengths (up to 150 kv/cm) by x-radiation in a flat ionization chamber filled with n-hexane. It has been found that the experimental shape of current stress characteristics at field strengths exceeding 50 kv/cm is linear and, therefore, is quite different from that predicted by Jaffe's theory of columnar recombination. Two conceptions explaining the divergence are considered, namely, field dissociation of the molecules excited during

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ACC NR: AP6020361

ionization, and field emission from the cathode in connection with a double layer. It has been found that a change in electric-field direction has no effect on the value of ionization currents being measured. The author expresses his gratitude to Professor Ignacy Adamczewski for incentives and incisive criticism during work on the problem. Orig. art. has: 4 figures, 1 table, and 5 formulas. [Based on author's abstract]

[DR]

SUB CODE: 18, 20/ SUBM DATE: 16Oct65/ ORIG REF: 010/
OTH REF: 019/

Card 2/2 LC

TERLECKI, T.

POLAND/Acoustics - Ultrasonics   J-4

Abs Jour : Ref Zhur - Fizika, No 2, 1959, No 4130

Author   : Kurek Mieczyslaw, Terlecki Tadeusz
Inst   : -
Title   : Ultrasonic and Metallographic Investigation of 2,000 kw
           Turbo Generator

Orig Pub : Proc. II conf. ultrason., 1956, Warszawa, PWN, 1957, 163-
           168

Abstract : Data are given on ultrasonic defectoscopy for the detection
           of defects in rotors. These data were confirmed by a metal-
           lographic analysis.

Card   : 1/1

99

TERLECKI, W.

"For Reduction of Losses in the Crayfish Trade." P. 5,
(GOSPODARKA RYBNA, Vol. 5, No. 9, Sept. 1953. Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC,
Vol. 3, No. 12, Dec. 1954, Uncl.

TERLECKI, W.

"Necessity of Reorganizing the Means of Transporting Fecundated Roe to
Incubators." p. 6, (GOSPODARKA RYBNA, Vol. 6, No. 2, Feb. 1954,
Warszawa, Poland.)

SO: Monthly List of East European Accession, (EEAL), LC,
Vol. 3, No. 12, Dec. 1954, Uncl.

TERLECKI, W.

The necessary reorganisation of pond fishing. p. 24., GOSPODARKA RYBNA (Polskie Wydawnictwa Gospodarcze) Warszawa.   ol. 7, no. 10, Oct. 1955.

So. East European Accessions List.   Vol. 5, no. 1, Jan. 1956.

TERLECKI, W.

POLAND / Farm Animals. Wild Animals.

Abs Jour : Ref Zhur - Biologiya, No 16, 1957, 72137   U-8

Author   : Terlecki, W.
Title   : The Breeding of Nutria

Orig Pub : Gospod. Rybna, 1956, 8, No 6, 13-14

Abstract : No abstract

Card   : 1/1

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TIRLECKI, W.

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TIRLECKI, W.   Where the centers for stocking ponds with fry should be built.
p. 10.   Vol. 8, no. 8, Aug. 1956.   GOSPODARKA RYBNA. Warszawa, Poland.

TERLECKI, W.

TERLECKI, W.   A few words on fishing industry in the intraterritorial waters
of Netherlands. p. 7. Vol. 8, no. 12, Dec. 1956.
GOSPODARKA RYBNA. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

MARTIROSYAN, G.M.; MANVELYAN, A.P.; TERLEMEZYAN, G.Ye.; MELKUMYAN, G.G.;
AGAMIRYAN, G.N.; TARDZHIMANOV, R.O.; GUKASYAN, V.M.; POGOSYAN,
M.P.; MARUKHYAN, A.O.; MARUNOV, P.M., red.; SAROYAN, P.,
tekhn.red.; MATINYAN, A.A., tekhn.red.

[Forty years of Soviet Armenia; a statistical manual] Sovetskaia
Armeniia za 40 let; statisticheskii sbornik. Erevan, Armianskoe
gos.izd-vo, 1960. 209 p.   (MIRA 14:4)

1. Armenian S.S.R. Statisticheskoye upravleniye. 2. Nachal'nik
TSentral'nogo statisticheskogo upravleniya pri Sovete Ministrov
Armyanskoy SSR (for Martirosyan). 3. Zamestitel' nachal'nika
TSentral'nogo statisticheskogo upravleniya pri Sovete Ministrov
Armyanskoy SSR (for Manvelyan). 4. TSentral'noye statisticheskoye
upravleniye pri Sovete Ministrov Armyanskoy. SSR (for Terlemezyan,
Melkumyan, Agamiryan, Tardzhimanov, Gukasyan, Pogosyan, Marukhyan).
5. Nachal'nik otdela statistiki svodnykh rabot TSentral'nogo
statisticheskogo upravleniya pri Sovete Ministrov Armyanskoy SSR
(for Marunov).
            (Armenia--Statistics)

L 10-15-37
ACC NR: AP7003495

AUTHOR: Babko, A. K.; Terletskaya, A. V.; Dubovenko, L. I.

ORG: Institute of General and Inorganic Chemistry, AN UkrSSR (Institut obshchey i neorganicheskoy khimii AN UkrSSR)

TITLE: Study of the chemiluminescent reaction of luminol with hypochlorite

TOPIC TAGS: chemiluminescence, hydrogen peroxide

ABSTRACT: The chemiluminescent reaction was studied in the systems luminol -- hypochlorite and luminol -- hypochlorite -- hydrogen peroxide. The influence of pH and concentrations of luminol, hypochlorite, and catalysts on the luminescence intensity was studied, and optimum conditions of determining hypochlorite (free chlorine) were determined. The maximum luminescence was observed at pH 11.5. The total luminescence increased up to a luminol:hypochlorite ratio of 30:1, thereafter increasing only slightly. Ammonia was found to quench the luminescence; in the presence of hydrogen peroxide, the luminescence intensity increased by approximately one order of magnitude. In this case the maximum luminescence intensity was observed at pH 10-11. Under the optimum concentration conditions, the total luminescence was proportional to the hypochlorite concentration.

Card 1/2

0726 0052

L 10805-67
ACC NR: AP7003495

which permitted the development of a procedure for determining free chlorine in aqueous solutions. Bound chlorine (chloramine) gave no luminescence in this case. The sensitivity of the determination, 0.5 micrograms of chlorine per milliliter of solution, was suitable for determining the (free) chlorine content in tap water. The analysis of tap water must be conducted in the absence of interfering oxidizing agents such as $KClO_3$, $K_3Fe(CN)_6$, $Na_2S_2O_8$, $KMnO_4$, and Br_2. and 2 tables. [JPRS: 38,967]   Orig. art. has: 8 figures

SUB CODE: 07 / SUBM DATE: 05Apr65 / ORIG REF: 004 / OTH REF: 004

Card   2/2

TERLETSKAYA, I.E.

Exhibitions and displays of special items. Inform. biul. VDNVE
no.9:28-30 S '64.
(MIRA 17:12)

1. Glavnyy metodist pavil'ona "Kartofel' i ovoshchi" na Vystavke
dostizheniy narodnogo khozyaystva SSSR.

FLAUMENBAUM, B.L.; VALYAVSKAYA, M.Ye.; KAUSHANSKAYA, L.Z.; TERLETSKAYA, L.A.;
    PISACHENKO, A.I.

Degree of irregularity in the thermal processing of canned food
during sterilization. Izv. vys. ucheb. zav.; pishch. tekh. no.2:
87-92 '63.   (MIRA 16:5)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy
promyshlennosti, kafedra tekhnologii konservirovaniya.

ACC NR: AT6027156   (A)   SOURCE CODE: UR/3214/66/000/003/0103/0112

AUTHOR: Flaumenbaum, B. L. (Docent); Chervyakova, K. I. (Candidate of biological sciences); Nguyen Van N'yt (Aspirant); Valyavskaya, M. Ye. (Engineer); Kaushanskaya, L. Z. (Engineer); Storozhuk, V. N. (Engineer); Terletskaya, L. A. (Engineer); Faynberg, S. G. (Engineer)

ORG: none

TITLE: Search for new operating conditions in sterilization of canned goods for projected continuously operative equipment

SOURCE: Ukraine. Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Pishchevaya promyshlennost', no. 3, 1966, 103-112

TOPIC TAGS: food technology, food preservation, food sterilization, applied mathematics, food product machinery, processed plant product

ABSTRACT: New operative conditions for sterilizing tomato juice in an Odessa factory were worked out at the Odessa Technological Institute for the Food and Refrigeration Industry, based on a continuous operation (see Figure 1) with successive heating and cooling of 0.5 and 0.2 liter bottles filled with juice at 80–85 C and immersed in water of various temperatures. The sterilization temperatures tested were 100, 95, and 92 C. Temperatures in the bottle center were measured with a thermocouple. The

Card 1/3

ACC NR: AT6027156

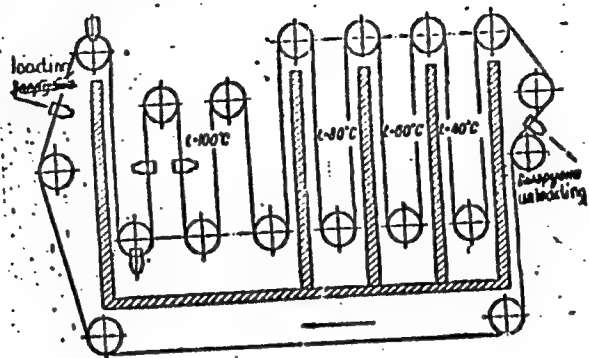Figure 1. Schematic representation of continuous sterilization

data were mathematically processed according to Flaumenbaum, B. L. (Pishchevaya
tekhnologiya, 3, 1959). Earlier studies on survival of microorganisms in tomato juice
were also considered. The formulas arrived at were experimentally tested. The
general formula applied was $A = \dot{\nu}(K_{A_1} + K_{A_2} + K_{A_3} + \cdots + K_{A_n})$.

Card 2/3

ACC NR: AT0027156

where A is the sterilizing effect, T_p is the time interval during which temperature in the bottle center is recorded, K_A is the peroxidizing coefficient. The value of A was found a reliable indicator for sterilization, preferable to that of the "neat number". Earlier tests had determined 25 min for 90 C or 15-20 min for 95 C. New tests found that the same A effect could be obtained 16% faster at 100 C for the 0.5 liter bottle and 10% faster for the 0.2 bottle at the same temperature. For the other temperatures, sterilization time figures were comparable to or higher than the older ones. Microbiologic tests of the sterilization formulas with juice infected with Penicillium glaucum, Aspergillus niger, yeasts and Bac. mesentericus ruber, then sterilized according to formula and kept at room temperature for 3 months or at higher temperatures for 5-8 days, gave satisfactory results. The formulas worked out are given for 100, 95 and 92 C and for the 2 sizes of bottles. Thus for 0.2 liter bottles the formula is 0-30-5-5-5/100 C, where the first figure indicates that the sterilization process proper is starting, the second gives the sterilization period, and the third, fourth and fifth give stepwise cooling in water baths of 80, 60 and 40 C. It was concluded that the formulas found had been proved reliable in microbiological tests. Orig. art. has: 10 figures and 8 formulas.

SUB CODE: 06, 13/ SUBM DATE: none/ ORIG REF: 004/ OTH REF: 001

Card 3/3

TERLETSKAYA, L. S.

TERLETSKAYA, L. S.   "Investigation of Fuel Slag for Asphalt Mixtures."
Min Higher Education USSR. Khar'kov Automobile
and Road Inst. Khar'kov, 1956. (Dissertation for
the Degree of Candidate in Technical Science)

So: Knizhnaya Letopis', No. 18, 1956,

Terletskaya, L S

TERLETSKAYA, L.S.

Role of the structure of filler granules in structure formation of bituminous suspensions [with summary in English]. Koll. zhur. 19 no.6:761-762 N-D '57.   (MIRA 11:1)

1. Khar'kovskiy avtomobil'no-dorozhnyy institut, Kafedra khimii.
(Bitumen)

TERLETSKAYA, L.S., kand.tekhn.nauk

Effect of the texture of mineral powders on properties of
asphalt concrete mixes. Trudy MADI no.23:70-74   ' 58.

(MIRA 12:1)

(Asphalt concrete)

KAPKOVA, Ye.I.; TERLETSKAYA, L.S.; RYABOSHTAN, D.I.

Effect of heat treatment on the properties and structure of articles made from kapron residues. Plast. massy no.6:62-65 '63.
(MIRA 16:10)

15-57-10-14639

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10,
p 212 (USSR)

AUTHOR: Terletskaya, M. N.

TITLE: An Experimental Study of Seepage Around a Scale Model
Dam in an Earth Trough (Opyt issledovaniya fil'tratsii
v obkhod plotiny na prostranstvennoy modeli v gruntovom
lotke)

PERIODICAL: Tr. Gruz. n.-i. in-ta gidrotekhn. i melior., 1955,
Nr 3 (16), pp 233-247

ABSTRACT: This paper describes results obtained in studying a
model of a proposed earth dam; the study was conducted
in order to determine the zone of penetration and
hydraulic gradients, as well as seepage in places where
erosion has occurred in permeable old alluvium. A
depression on the left bank of the reservoir is filled
with permeable old alluvial deposits. Since seepage
around the left side of the dam is complex, quantitative
definition of seepage components is not susceptible to

Card 1/3

15-57-10-14639

An Experimental Study of Seepage Around a Scale Model (Cont.)

theoretical calculations. Seepage factors in a steady flow were determined by studying the scale model. Transfer from model to natural conditions was accomplished by the use of coefficients of discharge, pressure and filtration, which define the relation between these factors under natural conditions and those of the model. The following assumptions made it possible to approximate natural seepage: in the model, seepage occurs in accordance with Darcy's law; conditions in the area adjacent to both the model and dam itself are identical; ground filtration coefficients are equal. Scale model experiments were carried out in an earth trough at the Seepage Laboratory of the GruzNIIGiM (Georgian Scientific Institute of Hydrotechnology and Reclamation). These studies demonstrated that the outline of penetration at the top of the depression in the water level was within the permeable old alluvial deposits. At the reservoir's danger level, when there is no impervious core, the area of penetration is found near the body of the dam. Pressure gradients within the valley are 0.022 to 0.053. Seepage quantity does not exceed 25.2 liters per second. The author concludes that it will be

Card 2/3

An Experimental Study of Seepage Around a Scale Model (Cont.)   15-57-10-14639

necessary to build an impervious core where the body of the dam joins the old alluvial deposits.

Card 3/3

A. Ye. Kubynin

15-57-5-6918

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,
                   p 169 (USSR)

AUTHOR: Terletskaya, M. N.

TITLE: The Determination of Anti-Seepage Effectiveness in
              Compact Soils (K voprosu ustanovleniya protivofil'-
              tratsionnoy effektivnosti)

PERIODICAL: Tr. Gruz. n.-i. in-ta gidrotekhn. i melior., 1956,
              Nr 4 (17), pp 525-262
                       256

ABSTRACT: The author notes t.. potentiality of artificial com-
              paction of cohesive soils in canals and reservoirs
              for creating an anti-seepage lining. However, the
              determination of the anti-seepage effectiveness of
              such a lining is impossible without computing the
              given changes in the coefficient of seepage from the
              clays into the compacted layer of soil. The author
              therefore provisionally assumes, for these linings,
              that the change in the seepage coefficient with depth

Card 1/2

The Determination of Anti-Seepage Effectiveness (Cont.)

15-57-5-6918

in the compacted smoothed-off soil should have a parabolic relation-
ship. But instead of the formula of Professor Ye. A. Zamarin, he
proposes a more convenient indicative function. All the calculations
are made on the assumption that the seepage flow into the compact
soil is continuous and that all the pores in the soil are filled
with water. However, the latter assumption requires experimental
confirmation.
Card 2/2   Ye. G. Ye.

124-58-9-10162

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 108 (USSR)

AUTHOR: Terletskaya, M. N.

TITLE: On the Regime and the Mineralization of the Ground Water in
            Mountain Ranges Exposed to Irrigation (K voprosu rezhima i
            mineralizatsii gruntovykh vod oroshayemykh massivov)

PERIODICAL: Tr. Gruz. n.-i. in-ta gidrotekhn. i melior., 1957, Nr 18-19,
            pp 218-226

ABSTRACT: Bibliographic entry

            1. Inland waterways--USSR   2. Minerals--Applications

Card 1/1

TERLETSKAYA, M.N.

Effectiveness of cementing the cracked foundation of a dam.
Trudy GruzNIIGiM no.20:277-282 '58.   (MIRA 15:5)
(Dams)

TERLETSKAYA, M.N.

Prediction of the duration of gypsum leaching from soils at the
foundations of dams and curtains. Trudy Gruz NIIGiM no.21:
99-108 '60.   (MIRA 16:1)
    (Hydraulic engineering) (Leaching)

LEVINA, TS. A.; TERLETSKAYA, T. M.

Non-medicinal treatment of hypertension and other internal
diseases with sleep therapy. Sovet. med. no.10:17-19 Oct 1951.

(CIML 21:1)

1. Prof. Levina. 2. Of the Department of Propedeutics of
Internal Diseases (Head -- Doctor Medical Sciences Prof. Ts.
A. Levina), Odessa Medical Institute imeni N. I. Pirogov.

TERIJITSKAYA, T.M. (Odessa)

Use of diacarb in blood circulation insufficiency. Klin.med.
36 no.10:129-131 O '58   (MIRA 11:11)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav. - zaslyzhennyy
deyatel' nauki prof. M.A. Yasinovskiy) lechebnogo fakul'teta
Odesskogo meditsinskogo instituta imeni N.I. Pirogova.
          (CONGESTIVE HEART, FAILURE, ther.
              acetazolamide (Rus))
          (ACETAZOLAMIDE, ther. use
              congestive heart failure (Rus))

YASINOVSKIY, M.A., prof., zasluzhennyy deyatel' nauki; TERLETSKAYA, T.M.,
kand.med.nauk

Some side effects of butadione [with summary in English]. Vrach.
delo   no.1:1-6 '59.   (MIRA 12:4)

1. Fakul'tetskaya terapevticheskaya klinika (zav. - zasluzhennyy
deyatel' nauki, prof. M.A. Yasinovskiy) lechebnogo fakul'teta Odes-
skogo meditsinskogo instituta.
                    (PYRAZOLIDINEDIONE)

BALABAN, V.S.; TERLETSKAYA, T.M.

Peculiar course of acute rheumatic fever with an unusual leucocyte
reaction. Vrach.delo no.6:645-647 Je '57.   (MLRA 10:8)

1. Fakul'tetskaya terapevticheskaya klinika (i.o. zav. klinikoy -
dotsent V.S.Balaban) Odesskogo meditsinskogo instituta.
     (RHEUMATIC FEVER)   (LEUCOCYTES)

TERLETSKAYA, T.M., dotsent; BAZARCHENKO, M.M., dotsent

Use of a skin test for sensitivity . penicillin. Vrach. delo no.2:
126-127 F '61.
                                        (MIRA 14:3)

1. Kafedra fakul'tetskoy terapii (zav. - zasluzhennyy deyatel' nauki,
prof. M.A.Yasinovskiy) lechebnogo fakul'teta Odesskogo meditsinskogo
instituta i otdel revmatologicheskoy kliniki ostrogo revmatizna
(zav. - prof. M.A.Yasinovskiy) Ukrainskogo instituta kurortologii
i fizioterapii.
                    (PENICILLIN)

YASINOVSKIY, M.A., zasluzhennyy deyatel' nauki, prof.; TERLETSKAYA, T.M.,
        kand.med.nauk; RUDENKO, N.B., kand.med.nauk

Clinical use of hypothiazide in edema of varied origin. Vrach. delo
no.1:44-50 Ja '62.   (MIRA 15:2)

1. Fakul'tetskaya terapevticheskaya klinika (zav. - chlen-korrespondent
AMN SSSR, zasluzhennyy deyatel' nauki prof. M.A.Yasinovskiy) Odesskogo
meditsinskogo instituta. 2. Chlen-korrespondent AMN SSSR (for Yasinovskiy).
                (THIADIZINE)   (EDEMA)

TERLETSKAYA, T.M., kand. med. nauk; RUDENKO, N.B., kand. med. nauk

Effectiveness of rheopyrine treatment of rheumatic fever and
infectious arthritis. Kaz. med. zhur. 4:12-14   Jl-Ag'63
                                        (MIRA 17:2)

1. Fakul'tetskaya terapecticheskaya klinika (zav. - chlen-
korrespondent AMN SSSR, prof. M.A. Yasinovskiy) Odesskogo me-
ditsinskogo instituta imeni N.I.Pirogova.

TERLETSKAYA, Ya.T. [Terlets'ka, IA.T.]

Effect of iprazid on the nitrogen metabolism of the rabbit brain.
Ukr. biokhim. zhur. 35 no.4:542-548 '63.   (MIRA 17:11)

1. Institute of Biochemistry of the Academy of Sciences of the
Ukrainian S.S.R., Kiyev.

TERLETSKAYA, Ya.T. [Terlets'ka, IA.T.]; PALLADIN, A.V.; PISAREVICH, Yu.V. [Pysarevych, O.V.]

Effect of iprazid on the metabolism of the glutamine amide group and protein amide groups in the rabbit brain. Ukr. biokhim. zhur. 35 no.5:737-746 '63.   (MIRA 17:5)

1. Institute of Biochemistry of the Academy of Sciences of the Ukrainian S.S.R., Kiev.

POPTSOV, N. (Krasnoyarskiy kray); TERLETSKIY, A. (Sevastopol');
KHALDEYEV, A. (Przhival'sk)

Rotary antenna joints. Radio no.4:28-30 Ap '63. (MIRA 16:3)
(Radio—Antennas)

Tanto... V, A.A., sanitarnyy vrach; SOBOLEVA, A.A., sanitarnyy vrach. ...., A.I., sanitarnyy vrech

Prevention of epidermophytosis in bath houses and swimming pools.
Gig. i san. 22 no.4:71-73 Ap '57.   (MLRA 10:9)

1. Iz sanitarno-epidemiologicheskoy stantsii Zhdanovskogo rayona Leningrada
      (SWIMMING POOLS
         ringworm control (Rus))
      (PUBLIC HEALTH,
         bath houses, prev. of ringworm (Rus))
      (RINGWORM, prevention and control,
         in bath houses & swimming pools (Rus))

POPOV, G.G.; PERCHIKHINA, Ye.A.; KATKOV, V.G.; BOGDANCHENKO, A.S.;
TERLETSKIY, A.A.; KAGAN, V.R.; SMAGINA, Ye.T.; KUTSEV, V.S.

Exchange of experience. Zav.lab. 28 no.4:509-511 '62.
(MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodoroz-
hnogo transporta (for Popov, Perchikhina). 2. Institut fizi-
cheskoy khimii AN SSSR (for Katkov). 3. Zavod "Dnoprospetsstal'"
(for Bogdanchenko, Terletskiy). 4. Karagandinskiy metall-
urgicheskiy zavod (for Kagan). 5. Gosudarstvennyy nauchno-
issledovatel'skiy i proyektnyy institut redkometallicheskoy
promyshlennosti (for Smagina, Kutsev).
(Testing machines)

TERLETSKIY, A.M. [Terlets'kyi, A.M.]

Labradorites of Khmel'nitskiy Province. Geol. zhur. 24
no.5:103-104 '64.   (MIRA 17:12)

1. Oblastnoye proyektnoye byuro Khmel'nitskogo obldorupra.

CHORNAIA, N.S. [Chorna, N.S.]; TERLETSKIY, B.B. [Terlets'kyi, V.'.]
SMOTANKINA, N.P.; KUZNETSOVA, V.P. [Kuznetsov., V.I.]

Mechanism underlying the conductivity of puropolysiloxenes.
Ukr.fiz.zhur. 10 no.10:1150-1152 O '65.

(MIRA 19:1)

TROITSKII, D. K.

Note on deposits of white quartz sand in the village of Klichev, Dolzhanskaya volost of Igumen Uyezd Minsk, 1923   viii p.

TKACHENKO, V.V.; POCHTOVENKO, Yu.Ye., kand. tekhn. nauk; TERLETSKIY, I.V.,
kand. tekhn. nauk

Replacing flat balancing wire ropes with ordinary round-strand
ropes. Ugol' Ukr. 10 no. 1:51 Ja '66.   (MIRA 18:12)

1. Glavnyy mekhanik tresta Gorlovskugol' (for Tkachenko).
2. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki
i vychi████l'noy tekhniki (for Pochtovenko, Terletskiy).

TERLETSKIY, L.Ye., inzh.

Efficiency promotion and inventing in organizations of the Ministry of Municipal and Rural Construction of the Ukrainian S.S.R. Biul. stroi. tekh. 12 no.5:18-19 My '55. (MIRA 11:12)

1.Trest Ukrpromstroy.
(Ukraine--Efficiency, Industrial)

SOV/95-59-6-7/12

14(9)

AUTHOR: Terletskiy, L.Ye., Engineer (Kiyev)

TITLE: Method of Calculating Strength of Main Pipelines by the Tensile Strength of Steel. On the Elaboration of Technical Conditions for the Calculation and Designing of Main Pipelines (Discussion of the Article by V.I. Prokof'yev and A.G. Kamershteyn)

PERIODICAL: Stroitel'stvo truboprovodov, 1959, Nr 6, pp 20 - 22 (USSR)

ABSTRACT: The life of pipeline being contingent upon the strength of the metal it is made of, it would seem logical, according to the author, to consider in pipeline design and calculation the tensile strength of the steel rather than the yield point. In doing so the carrying capacity could be determined more accurately, revealing at the same time a sufficient or insufficient safety margin. The author agrees with V.S. Turkin on the necessity of establishing, as a standard norm of resistance for pipe steel, the rejection minimum of its tensile strength and of including it in the technical conditions for the calculation and designing of main pipelines. The wall thickness of pipelines should be determined only on the basis of circumferential stress caused by inner pressure. The calculation of the strength of a pipeline should guarantee that the

Card 1/2

SOV/95-59-6-7/12

Method of Calculating Strength of Main Pipelines by the Tensile Strength of Steel.
On the Elaboration of Technical Conditions for the Calculation and Designing of Main
Pipelines (Discussion of the Article by V.I. Prokof'yev and A.G. Kamershteyn)

highest inner pressure, which the pipe wall is capable of resisting will
not be lower than the maximum pressure, which is likely to be developed
in the pipeline during operation. The author recommends also to make
allowance for various factors, such as a possible rise of inner pressure,
conditions of pipeline operation, homogeneity of the pipe metal (which
for low-alloyed steel should be assumed to equal 0.9), and variability
of pipe diameter. Some relationships for these factors are given and
presented in graphical form.
There are: 1 graph and 3 Soviet references.

Card 2/2

TERLETSKIY, L.Ye. (Kiyev)

Selecting the theory of strength for designing metal pipes. Stroi.
mekh.i rasch.soor. 2   no.4:39–43   '60.   (MIRA 13:7)
    (Pipe, Steel)   (Strength of materials)

S/124/63/000/002/039/052
D234/D308

AUTHOR: Terletskiy, L.Ye.

TITLE: New methods of determining the magnitudes of test
               pressures of metal pipes

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 2, 1963, 59,
               abstract 2V478 (In collection: Novoye v stroit.
               tekhn. no. 14, Kiev. Gosstroyizdat USSR, 1962, 152-
               160)

TEXT: The author criticizes the formula of the standard in
use (ГОСТ 3845-47 GOST 3845-47), defining the pressure for hydraulic
testing of pipes   It is shown that the above formula, which deter-
mines the test pressure by permissible stresses in the material,
leads to a strength reserve which is too high and cannot be justified.

close to the test pressure of American standards in use and coincides
with that for carbon steel pipes with diameters of 20 inches and more.
/ Abstracter's note: Complete translation_/   Card 1/1

BAZAROV, I.P.; GERASIMOV, Ya.I.; KISELEV, A.V.; PREDVODITELFV, A.S.;
RADUSHKEVICH, L.V.; SKURATOV, S.M.; TIRLETSKIY, N.P.; CHMUTOV,
K.V.; SHUBNIKOV, A.V.; SHULEYKIN, V.V.

Vladimir Ksenofontovich Semenchenko, 1894- ; on his 70th
birthday. Zhur. fiz. khim. 39 no.5:1300-1301 My '65.
(MIRA 18:8)

GOLUBTSOV, L.A.; GCLUBTSOVA, S.P.; TERLETSKIY, O.I.; KARNAUSHENKO, S.G.;
        SREBNAYA, L.D.

    Antifog light filters for automobile headlights. Stek. i ker.
    19 no.8:19-20 Ag '62.   (MIRA 15:9)
            (Light filters) (Motor vehicles--Lighting)

TERLETSKIY, P. Ya.

Terletskiy, P. Ya. - "Theory of induction accelerators," (Reference),
            Vestnik Mosk. un-ta, 1948, No. 11, P. 79-80

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949

TERLETSKIY, P.Ye., doktor istoricheskikh nauk.

Method for mapping an ethnic population. Geod.i kart no.2:47-51
F '57.   (MLRA 10:5)
(Anthropogeography)

BRUK, Solomon Il'ich; TERLETSKIY, P.Ye., red.; FONBERG, Ye.M., red.izd-va;
        MARKOVICH, S.G., tekhn.red.

        [Population of China, the Mongolian People's Republic, and Korea:
        explanatory notes to the population map] Naselenie Kitaia, MNR i
        Korei; poiasnitel'naia zapiska k karte narodov. Moskva, Izd-vo Akad.
        nauk SSSR, 1959. 40 p.   (MIRA 13:6)
            (China--Population)   (Mongolia--Population) (Korea--Population)

VASIL'YEV, I.; TERLETSKIY, V.

Small transmitter-receiver set using transistors. Radio
no.10:19-21 O '63.
(MIRA 18:12)

TERLETSKIY, V. A.

P A 4/49 T/7

USSR/Radio   May 48
       Telephone Apparatus
       Radio Waves - SHF

"Portable Ultrashort-Wave Telephone," V. A.
Terletskiy, 2 pp

"Radio" No 5

Describes piece of equipment exhibited at the
Seventh Correspondence School Radio Exposition.
Telephone operates on 3-meter band and is effective
for distances up to 3 km. Includes circuit dia-
grams, describes parts, assembly and feed for the
apparatus.

                                    4/49T97

NEMEROVSKIY, L.I.; KOSHELEVA, A.A.; Prinimali uchastiye: TERLETSKIY, V.A.;
    SHEYNIN, T.B.

Spirometabolograph. Nov. med. tekh. no. 1:11-24 '60.
                                                    (MIRA 14:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh
instrumentov i oborudovaniya.
            (BASAL METABOLISM) (PHYSIOLOGICAL APPARATUS)

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